

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11789	(electronic computer) same (outlet exhaust openning opening hole vent) same (hot hotter critical sensitive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:01
L2	123591	("361").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:00
L3	1131	1 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:00
L4	1126	(electronic computer) with (outlet exhaust openning opening hole vent) with (hot hotter critical sensitive)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:06
L5	195	4 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:01
L6	68	(electronic computer) with (outlet exhaust openning opening hole vent) with (less lesser) with (critical sensitive heat thermal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:09
L7	20	motherboard with (placement arrangement) same components same (fan (air adj flow) air\$1flow cool\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:26
L8	1	("6437980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:12
L9	1	("6958906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 16:12
L10	30	("20020015287"   "20020105786"   "20030016515"   "20030030975"   "20030030976"   "20030030977"   "20030030978"   "20030031189"   "20030033366"   "20030033460"   "20030042003"   "20030042004"   "5173819"   "5218514"   "5430607"   "5546272"   "5572403"   "6058011"   "6129429"   "6271604"   "6297955"   "6359779"   "6389499"   "6411522"   "6437980"   "6468150"   "6496366"   "6525935"   "6535384"   "6819560").PN. OR ("6958906").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:15

## EAST Search History

L11	13	("6023415"   "6111748"   "6215660"   "6229700").PN. OR ("6437980").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:17
L12	3	(air adj flow\$3) with hotspot	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:26
L13	289	(air adj flow\$3) with (hotspot (hot adj spot))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:27
L18	151	((air adj flow\$3) air\$1flow) with (divide split) same (cool\$3 heat\$3 thermal) same (electronic computer component)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:31
L19	7	((air adj flow\$3) air\$1flow) with (divide split) same (cool\$3 heat\$3 thermal) same (electronic computer component) same more same less	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:31
L20	40	((air adj flow\$3) air\$1flow) with (divide split) same (cool\$3 heat\$3 thermal) same (electronic computer component) same (more high\$3) same (less\$2 low\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:35
L21	13	sequenced with (air\$1flow (air adj flow))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:36
L22	279	sequenced with (air air\$1flow (air adj flow))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:36
L23	23	sequenced with (air air\$1flow (air adj flow)) same (computer electronic chassis)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:37
L24	8	("5297005"   "6330152"   "6459577").PN. OR ("6704196").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:46
L25	11	("5505533"   "5793608"   "5828549"   "5963424"   "6011689"   "6034870"   "6215659"   "6359781"   "6504712"   "6678157"   "6704196").PN. OR ("7106586").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:58
L26	41572	(sensitive critical) with (air airflow)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:59
L27	2296	(sensitive critical) with (air airflow) with (arrangemnt placement position)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:59

## EAST Search History

L28	3979	(sensitive critical sequence) with (air airflow) with (arrangemnt placement position)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:00
L29	208	(sensitive critical sequence) with (air airflow) with (arrangemnt placement position) with (hot\$3 high\$3 more) with (less low\$3 cool\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:04
L31	14004	((361/687-723) or (312/223.1-223.3) or (454/184-186)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 17:02
L33	0	29 and 31	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:02
L34	324	(sensitive critical sequence) with (air airflow) with (arrangemnt placement position) with (hot\$3 high\$3 more) same (less low\$3 cool\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:16
L35	2	34 and 31	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:15
L36	555	(sensitive critical sequence) with (air airflow) with (arrangemnt placement position) with (hot\$3 high\$3 more)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:17
L37	2	36 and 31	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:16
L38	7405	(sensitive critical sequence) with (air airflow) with (hot\$3 high\$3 more) and (cool\$3 heat\$3 thermal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:18
L39	79	38 and 31	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 17:18
L40	1	(10/077385).APP.	USPAT; USOCR	OR	ON	2006/09/19 17:21
L41	24	("4568243"   "4971520"   "5000079"   "5440450"   "5530202"   "5566749"   "5838551"   "5867365"   "6037732"   "6064571"   "6122169"   "6141213"   "6163454"   "6172872"   "6219236"   "6247898"   "6351380"   "6362977"   "6400049"   "6462670"   "6526333"   "6587337"   "6597972"   "6659292").PN. OR ("6914779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 18:27

## EAST Search History

L42	3	"6721183"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 18:38
L43	1	"6735079"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 18:39
L44	50	"5440450"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 18:39
L45	1	("5440450").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 18:39
S1	305	(361/692).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 15:54
S3	581	small with ((form adj factor) formfactor) with (computer motherboard)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:38
S4	5	small with ((form adj factor) formfactor) with (computer motherboard) with (fan (air airflow))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:42
S5	0	small with ((form adj factor) formfactor) with (computer motherboard) with (fan (air airflow))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:40
S6	4	ATX with (computer motherboard) with (fan (air airflow))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:42
S7	0	ATX with (computer motherboard) with (fan (air airflow))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:42
S8	159	small with ((form adj factor) formfactor) and (computer motherboard) with (fan (air airflow))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:57
S9	2	small with ((form adj factor) formfactor) and (computer motherboard) with (fan (air airflow))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:58
S10	0	10/631462	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:59
S11	2	10/631462	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:59

## EAST Search History

S12	37	("20010030851"   "20020099925"   "20050017749"   "2948518"   "4643245"   "5270572"   "5390734"   "5446619"   "5473507"   "5505533"   "5586865"   "5600538"   "5684674"   "5691883"   "5701231"   "5934368"   "5964279"   "5982616"   "6034870"   "6094345"   "6094347"   "6108731"   "6134108"   "6299408"   "6301104"   "6307742"   "6330155"   "6407916"   "6418018"   "6459576"   "6525936"   "6567271"   "6587912"   "6644979"   "6789149"   "6813149").PN. OR ("7054165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 13:59
S13	24	("4643245"   "5446619"   "5473507"   "5505533"   "5586865"   "5600538"   "5701231").PN. OR ("6034870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:44
S14	54	("4017129"   "4479198"   "4725244"   "4728160"   "4964017"   "5121296").PN. OR ("5600538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:07
S15	4	("20030193782"   "5600538"   "6590765").PN. OR ("6721183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:13
S16	166	"5,953,209" "6,678,157" "5,452,362" "5,511,971" "5,566,377" "5,691,883" "5,898,568" "5,917,698" "6,113,485" "6130819" "6163453"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:14
S17	11	((("5,953,209") or ("6,678,157") or ("5,452,362") or ("5,511,971") or ("5,566,377") or ("5,691,883") or ("5,898,568") or ("5,917,698") or ("6,113,485") or ("6130819") or ("6163453"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 14:14
S18	8	((("6,169,656") or ("6,565,428") or ("6,593,673") or ("6,650,536") or ("6,657,860") or ("6,657,863") or ("6,785,145") or ("6,791,837"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 14:15
S19	1	10/335270	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:22
S20	0	(10/335270).APP.	USPAT; USOCR	OR	ON	2006/09/13 14:29

## EAST Search History

S21	293	(computer server) and (fan (air adj generator)) same (chasis enclosure housing) same (opposite opposing) same (wall side) same (opening opening vent aperature port slot)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 16:54
S22	50	(361/693).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 14:45
S23	36	S22 not S1	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 14:45
S24	3	("5684674"   "6554697"   "6597571").PN. OR ("6735079").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 15:24
S25	6	((("4712159") or ("4890196") or ("5208731") or ("5276585") or ("5486980") or ("5502619"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 15:25
S26	301	(computer server) and (fan (air adj generator)) same (chasis enclosure housing) same (opposite opposing) same (wall side panel) same (opening opening vent aperature port slot)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 16:56
S27	8	S26 not S21	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 16:55
S28	11	(computer server) and (fan (air adj generator)) same (chasis enclosure housing) same (opposite opposing) same (wall side panel) same (opening opening vent aperature port slot)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:58
S29	1641	(361/695).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 16:58
S30	1544	S29 not S22 not S1	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:24
S31	1	(10/327161).APP.	USPAT; USOCR	OR	ON	2006/09/13 17:06
S32	6	("5361188"   "5402312"   "5793608"   "6356435"   "6512673"   "6525936").PN. OR ("6775134").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 17:07
S33	17	("4084250"   "4899254"   "5619486"   "5673029"   "5808867"   "5808876"   "5822184"   "6046921").PN. OR ("6563706").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 17:24

## EAST Search History

S34	14	("5422787"   "5460441"   "5559673"   "5566377"   "5852547").PN. OR ("6086476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 17:36
S35	24	("4643245"   "5446619"   "5473507"   "5505533"   "5586865"   "5600538"   "5701231").PN. OR ("6034870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 17:40
S36	19	("4756473"   "4767262"   "5493474"   "5540548"   "5745041"   "5787971").PN. OR ("6000623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 07:50
S37	18	("3253646"   "3364838"   "3749981"   "4644443"   "5800258"   "5949646"   "6000623"   "6198628"   "6341064").PN. OR ("6538881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 07:52
S38	19	("5063477"   "5168171"   "5398161"   "5428503"   "5432674"   "5493474").PN. OR ("5663868").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:23
S39	426	(361/694).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:23
S40	305	(361/692).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:24
S41	50	(361/693).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:24
S42	1645	(361/695).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:27
S43	212	S39 not S42 not S41 not S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:28
S44	942	(361/697).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 12:41
S45	759	S44 not S39 not S42 not S41 not S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:52
S46	1	("7046515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:29

## EAST Search History

S47	23	("4682651"   "4715438"   "4753290"   "5005640"   "5365400"   "5494098"   "5504650"   "5581443"   "5582240"   "5583746"   "5694294"   "5731952"   "5794685"   "5816319"   "5828551"   "5896917"   "6021844"   "6125920"   "6135200"   "6373700"   "6411508"   "6418020"   "6577502").PN. OR ("7046515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:36
S48	0	(10/412412).APP.	USPAT; USOCR	OR	ON	2006/09/14 08:45
S49	1	("2004/0085727").URPN.	USPAT	OR	ON	2006/09/14 08:45
S50	23	("4682651"   "4715438"   "4753290"   "5005640"   "5365400"   "5494098"   "5504650"   "5581443"   "5582240"   "5583746"   "5694294"   "5731952"   "5794685"   "5816319"   "5828551"   "5896917"   "6021844"   "6125920"   "6135200"   "6373700"   "6411508"   "6418020"   "6577502").PN. OR ("6972950").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 08:52
S51	815	(454/184).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 08:52
S52	347	S51 not S44 not S39 not S42 not S41 not S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 15:21
S53	16	("5042257"   "5272599"   "5353863"   "5513070"   "5518071"   "5682948"   "5684676"   "5748445"   "5805417"   "5850691"   "5912802"   "5917697"   "6113485").PN. OR ("6570760").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 10:30
S54	229	william.in. and wyatt.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 10:32
S55	8	william.in. and wyatt.in. and schwartz.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 10:32
S56	1385	(361/719).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 15:21
S57	1251	S56 not S51 not S44 not S39 not S42 not S41 not S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 11:58



## EAST Search History

S58	1420	(361/687).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:57
S59	427	(361/694).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S60	305	(361/692).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S61	50	(361/693).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S62	1647	(361/695).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S63	945	(361/697).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S64	815	(454/184).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S65	1388	(361/719).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 11:58
S66	851	S58 not S65 not S64 not S63 not S59 not S62 not S61 not S60	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:17
S67	273076	fan	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 11:59
S68	626	S66 and S67	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 11:59
S69	2770856	outlet exhaust output vent	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 11:59
S70	446	S66 and S67 and S69	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 12:53
S71	974	S58 not S70	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 12:53
S72	1	(10/077385).APP.	USPAT; USOCR	OR	ON	2006/09/19 13:16
S73	1057	(312/223.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 13:16

## EAST Search History

S74	975	S73 not S58 not S65 not S64 not S63 not S59 not S62 not S61 not S60	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:17
S75	270	S74 and S69	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:25
S76	787	S73 not S75	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:26
S77	19	("5269598"   "5349132"   "5397176"   "5491611"   "5542757"   "5547272"   "5593219"   "5593220"   "5825626"   "5833334"   "5845977"   "5897180").PN. OR ("6027191").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:36
S78	14	("4717216"   "4884710"   "5121296"   "5124885"   "5164886"   "5197789"   "5337464"   "5398833"   "5587877"   "5743606"   "5808237"   "5835346").PN. OR ("6024426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 13:43
S79	3	korinsky.in. and colley.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 14:22
S80	1	("6034870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 14:38